

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068789.D
 Acq On : 08 Apr 2021 15:12
 Operator : VA/SY
 Sample : M1979-16
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-16

Quant Time: Apr 09 01:02:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

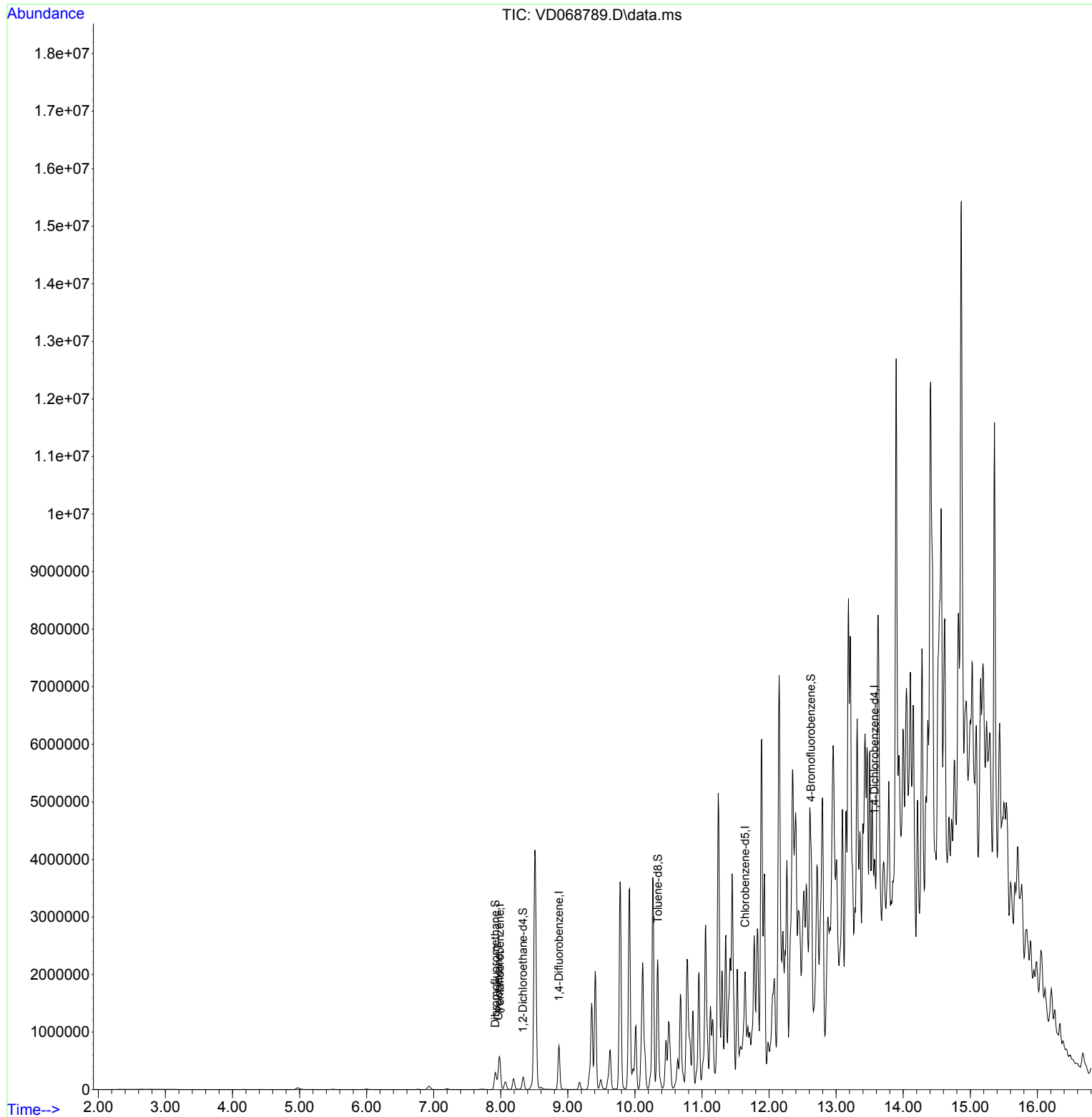
Internal Standards						
1) Pentafluorobenzene	7.985	168	401107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	698673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	748743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	480960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	172961	40.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.60%
35) Dibromofluoromethane	7.920	113	210327	46.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.56%
50) Toluene-d8	10.344	98	937790	54.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.40%
62) 4-Bromofluorobenzene	12.626	95	637461	111.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	223.92%#
Target Compounds						
31) Cyclohexane	7.967	56	36530	5.18	ug/l	Qvalue # 60

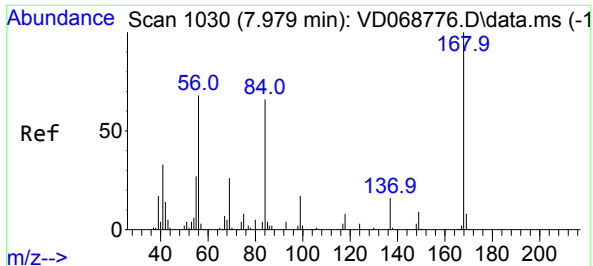
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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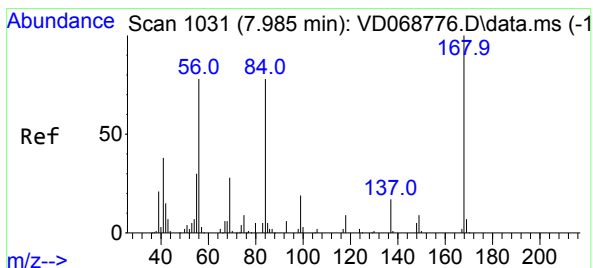
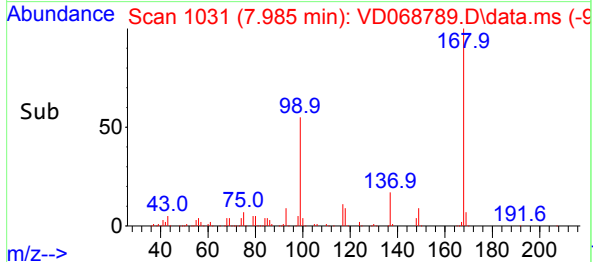
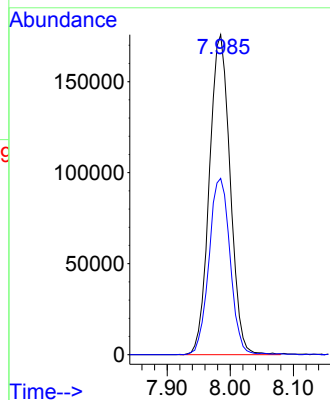
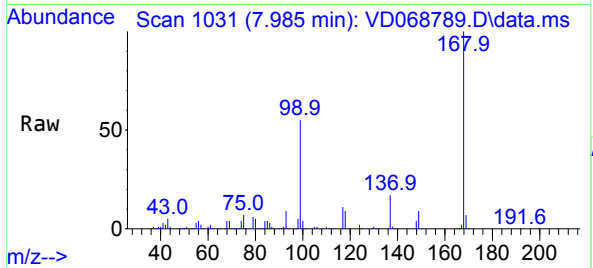




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

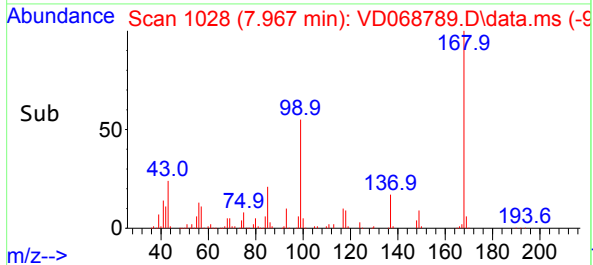
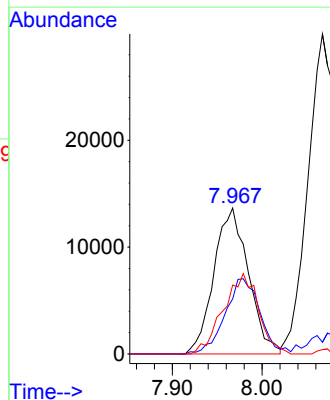
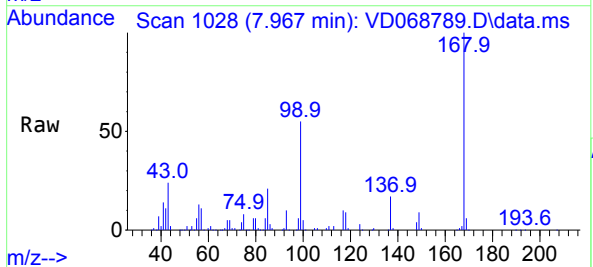
Instrument :
MSVOA_D
ClientSampled :
S-16

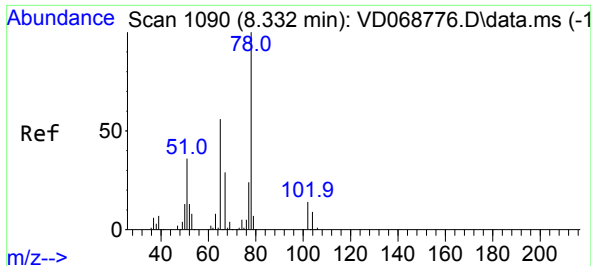
Tgt Ion:168 Resp: 401107
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#31
Cyclohexane
Concen: 5.18 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

Tgt Ion: 56 Resp: 36530
Ion Ratio Lower Upper
56 100
69 37.7 30.0 45.0
84 47.2 82.0 123.0#

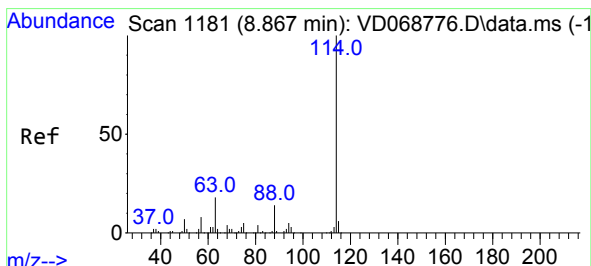
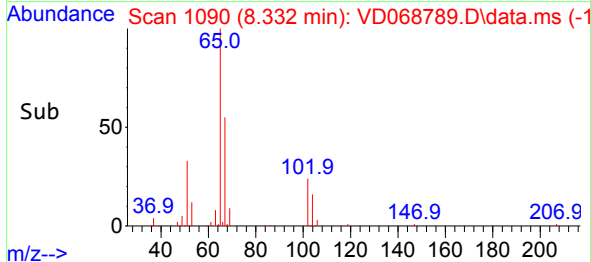
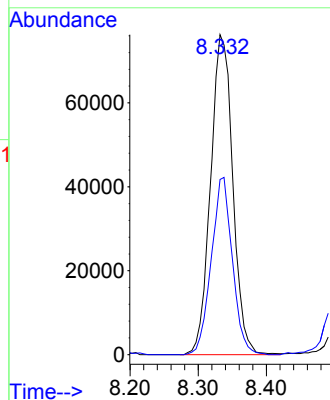
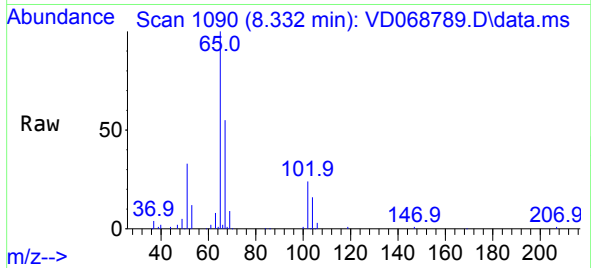




#33
1,2-Dichloroethane-d4
Concen: 40.80 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

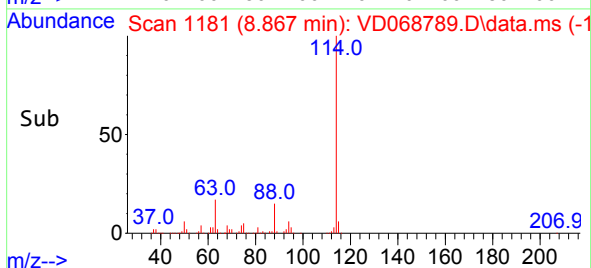
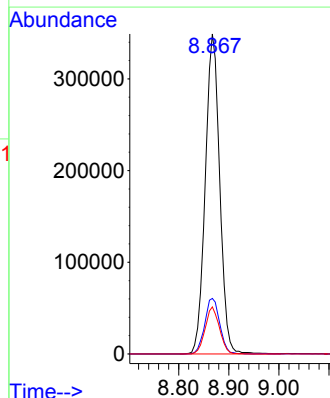
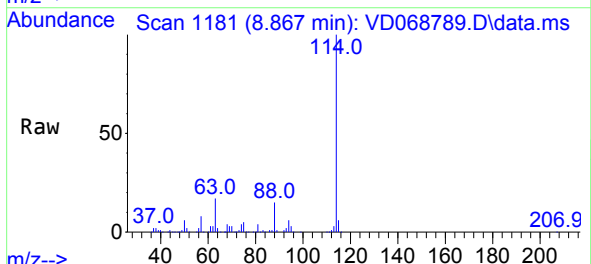
Instrument :
MSVOA_D
ClientSampled :
S-16

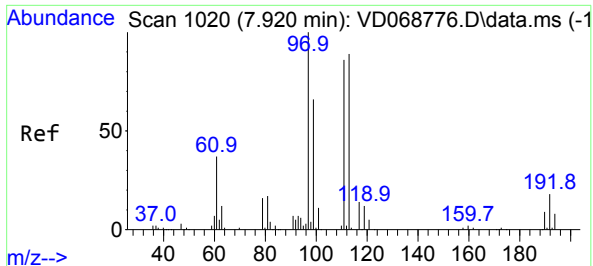
Tgt Ion: 65 Resp: 172961
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

Tgt Ion: 114 Resp: 698673
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.28 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068789.D

Acq: 08 Apr 2021 15:12

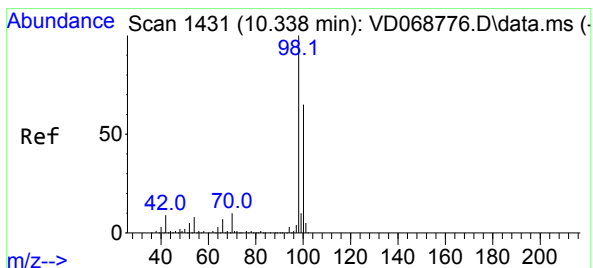
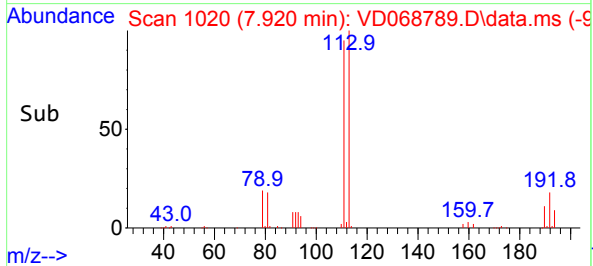
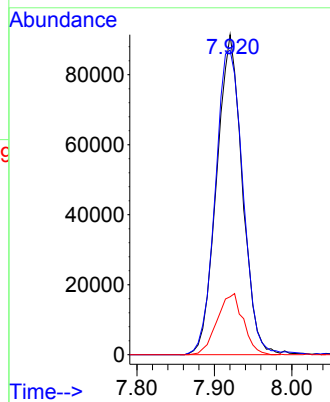
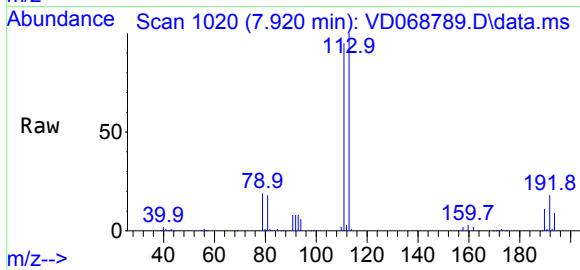
Tgt Ion:113 Resp: 210327

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 19.5 15.1 22.7



#50

Toluene-d8

Concen: 54.70 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VD068789.D

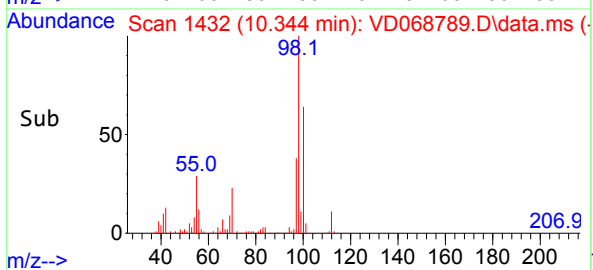
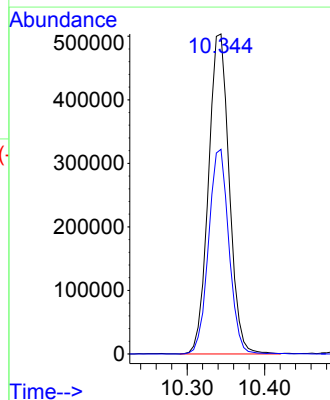
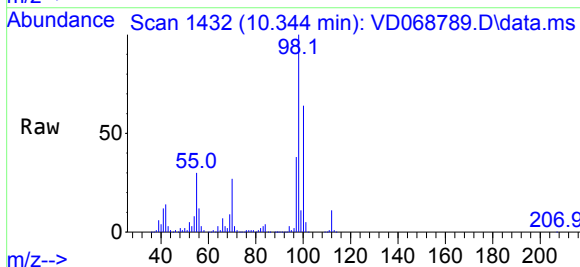
Acq: 08 Apr 2021 15:12

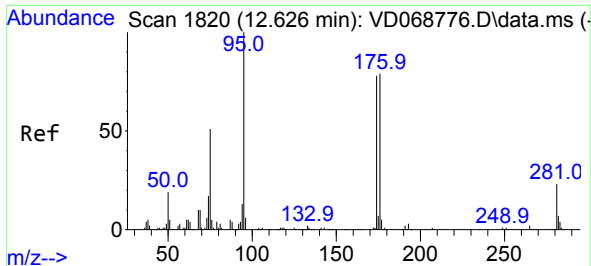
Tgt Ion: 98 Resp: 937790

Ion Ratio Lower Upper

98 100

100 62.6 51.8 77.6

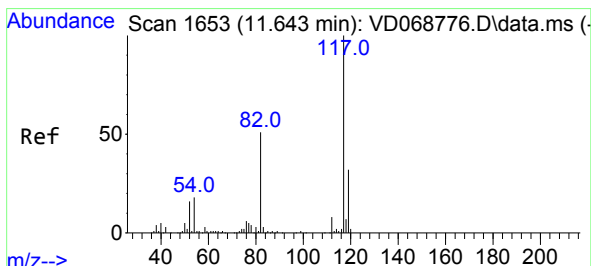
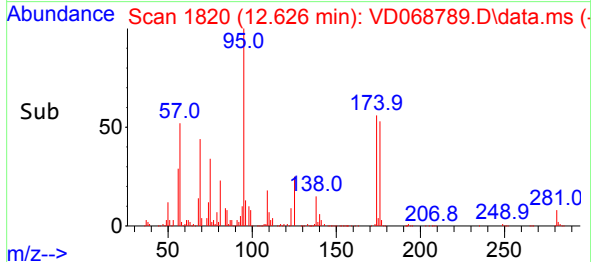
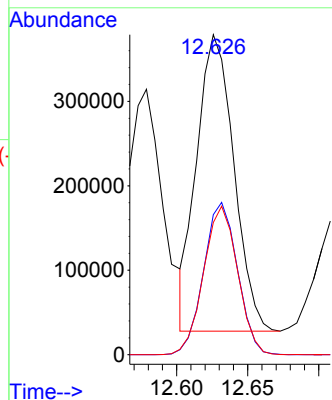
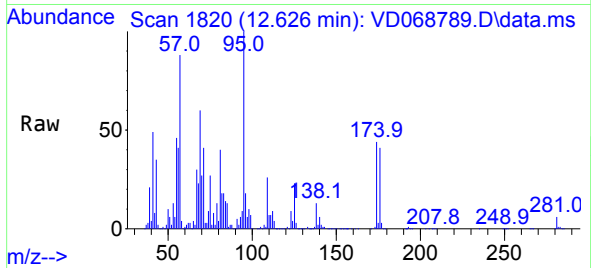




#62
4-Bromofluorobenzene
Concen: 111.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

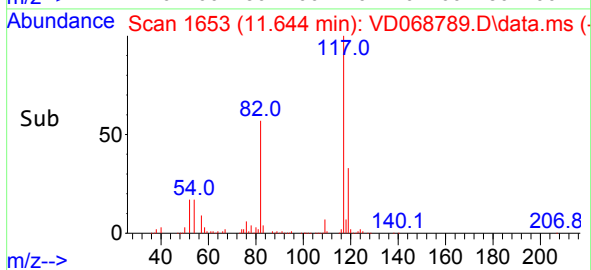
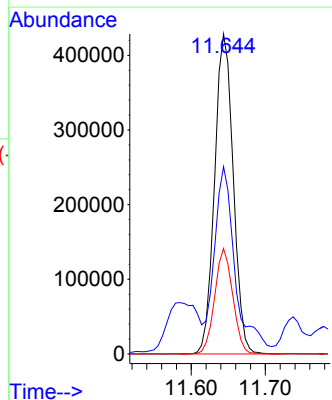
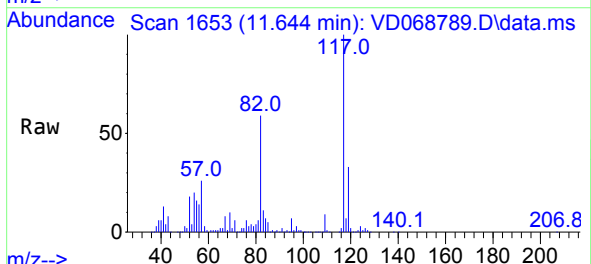
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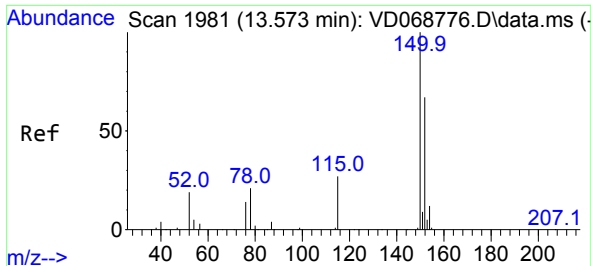
Tgt Ion: 95 Resp: 637461
Ion Ratio Lower Upper
95 100
174 46.8 0.0 168.0
176 45.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

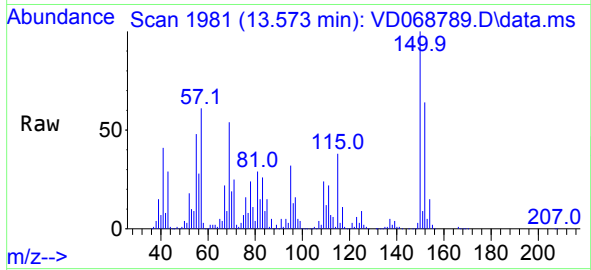
Tgt Ion:117 Resp: 748743
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 33.0 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068789.D
Acq: 08 Apr 2021 15:12

Instrument :
MSVOA_D
ClientSampleId :
S-16



Tgt Ion:152 Resp: 480960
Ion Ratio Lower Upper
152 100
115 47.3 29.3 87.8
150 124.8 0.0 347.6

